

AGNPS 5.0 to AnnAGNPS Converter Program Change Log

Version 1.05

(Dated 9/30/98)

Program changes:

Changed Reach Geometry Identifier to begin with "RG" rather than "G"

Trapped Error condition in Reach Nutrient Half-Life section.

Version 1.04

(Dated 6/25/98)

Program changes:

Optimized routine for calculation Reach Nutrient Half-life.

Corrected problem in Feedlot data

Corrected problem in Reach data for channel length.

Changed Reach Geometry Identifier to begin with "RG" rather than "R"

Removed the call to Reach Output Specifications. This section no longer used in the converter.

Updated Specifications Document.

Version 1.03

(Dated 5/18/98)

Program changes:

Modified subroutine to output impoundment data according to current AnnAGNPS input specifications.

Modified the minimum acceptable Manning's n to 0.005, which is the minimum acceptable slope value for the AnnAGNPS model.

Revised the equation that calculates the USLE LS factor.

Version 1.02

(Dated 4/10/98)

Program changes:

Added subroutine to trap and report errors/warnings in the processing of data to be output in the format for the AnnAGNPS model. Errors and warnings are reported to the screen and also to the log file if the user set the Error log flag to 1 in the AGNPS data set.

Modified the minimum acceptable slope to 0.00001, which is the minimum acceptable slope value for the AnnAGNPS model.

Version 1.01

(Dated 4/1/98)

Program changes:

Added error check for Fertilizer Application and Fertilizer Reference Data to trap a possible divide by zero in the event that AGNPS data has a value of zero for both Nitrogen & Phosphorus in Optional Fertilizer Information.

Version 1.00

(Dated 2/19/98)

First release of converter software. Software converts AGNPS 5.0 formatted data sets to AnnAGNPS formatted data sets. The 16-bit executable is not available at this time.